

Converting Colors

XYZ(81.6934, 87.3377, 94.9614)

Have a look what the booklet for
XYZ(81.6934, 87.3377, 94.9614)
contains.

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Color

**XYZ(81.7413, 87.4577,
95.0109)**

Conversions

Conversions Part 1

| Format | Color |
|-------------|----------------------------|
| Hex | EBF2F0 |
| RGB | 235, 242, 240 |
| RGB Percent | 92%, 95%, 94% |
| CMY | 0.0784, 0.0510, 0.0588 |
| CMYK | 0.03, 0.00, 0.01, 0.05 |
| HSL | 163°, 21%, 94% |
| HSV | 163°, 3%, 95% |
| XYZ | 81.7413, 87.4577, 95.0109 |
| YIQ | 239.6790, -3.5300, -2.1060 |

Conversions

Conversions Part 2

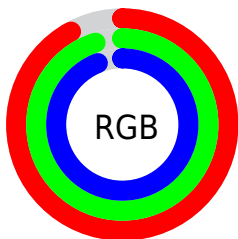
| Format | Color |
|-------------------------------------|------------------------------|
| R _Y B | 235, 239, 242 |
| Decimal | 15463152 |
| CIE Lab | 94.93, -2.67, 0.14 |
| CIE LCh | 95, 2.674, 176.902 |
| Yxy | 87.4577, 0.3094, 0.3310 |
| Android (android.graphics.Color) | 4293653232 (0xFFEBF2F0) |
| YUV | 239.6790, 0.1583, -4.1035 |
| Hunter-Lab | 93.5188, -7.6378, 5.2272 |

Details

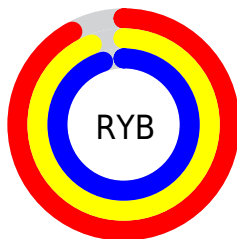
The XYZ color **81.7413, 87.4577, 95.0109** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **81.6156, 84.4107, 92.1164**, and the grayscale version is **82.5764, 86.8768, 94.6089**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **44.8010, 48.1622, 52.2824** is the 20% darker color. If you saturate the color by 10%, you get **73.2799, 83.2148, 89.3488**, and if you desaturate by 10%, it is **89.7708, 91.4784, 100.8613**.

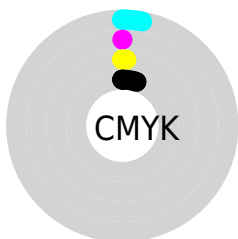
Distribution



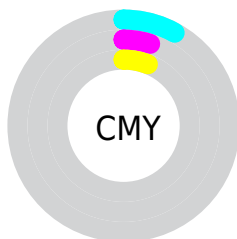
- Red (92%)
- Green (95%)
- Blue (94%)



- Red (92%)
- Yellow (94%)
- Blue (95%)



- Cyan (3%)
- Magenta (0%)
- Yellow (1%)
- Black (5%)



- Cyan (8%)
- Magenta (5%)
- Yellow (6%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 81.7413, 87.4577, 95.0109 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.

Similar to the brightness gradients but the following saturation gradients show a change of the XYZ color 81.7413, 87.4577, 95.0109 by changing the saturation by 10% instead.

81.7413, 87.4577,
95.0109

81.7413, 87.4577,
95.0109

489.4296,
519.7257, 565.1851

61.4657, 65.8740,
71.5471

134.7489,
143.8019, 156.2754

44.8551, 48.1702,
52.3042

168.2116,
179.3313, 194.9131

31.5441, 33.9617,
36.8637

206.8006,
220.2780, 239.4460

21.1674, 22.8641,
24.8070

250.8815,
267.0265, 290.2924

13.3595, 14.4932,
15.7156

300.8194,
319.9611, 347.8710

7.7553, 8.4645,
9.1710

356.9799,

3.9893, 4.3936,

379.4662, 412.6003

4.7545

419.7281,
445.9263, 484.8988

■ 1.6961, 1.8961,
2.0478

■ 0.4538, 0.5460,
0.5844

■ 81.7413, 87.4577,
95.0109

■ 81.7413, 87.4577,
95.0109

■ 73.2799, 83.2148,
89.3488

■ 89.7708, 91.4784,
100.8613

■ 65.8983, 79.5215,
83.9381

■ 90.8591, 91.9137,
106.5922

■ 59.5520, 76.3575,
78.7762

■ 91.0438, 91.9876,
107.5646

■ 54.1903, 73.6968,
73.8585

■ 49.7587, 71.5112,
69.1799

■ 46.1966, 69.7695,
64.7353

■ 43.4364, 68.4370,
60.5190

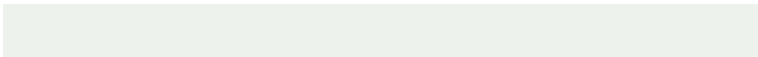
■ 41.3999, 67.4735,
56.5248

■ 39.9928, 66.8303,
52.7458

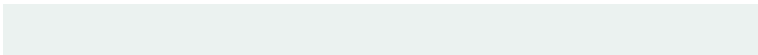
Harmonies

Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.



81.9632, 87.4577, 93.0624



81.7413, 87.4577, 95.0109



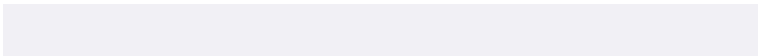
81.8886, 87.4577, 97.0449

Triad

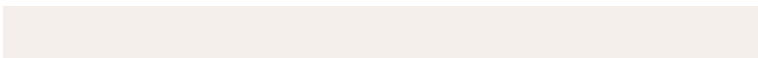
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



81.7413, 87.4577, 95.0109



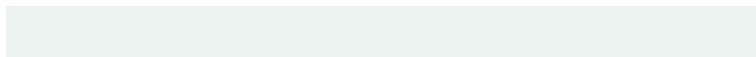
83.7584, 87.4577, 98.8325



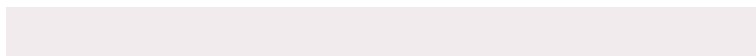
83.8897, 87.4577, 91.9201

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



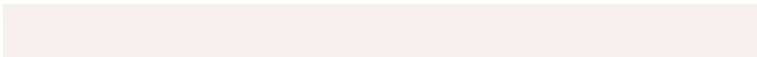
81.7413, 87.4577, 95.0109



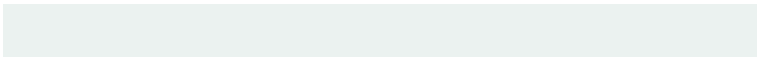
81.6156, 84.4107, 92.1164

Split Complementary

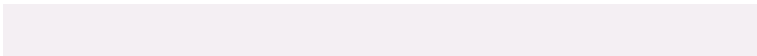
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



84.3756, 87.4577, 93.4311



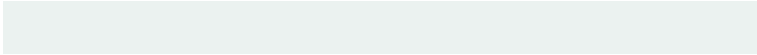
81.7413, 87.4577, 95.0109



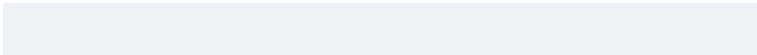
84.2996, 87.4577, 97.4240

Square

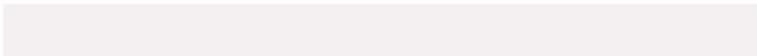
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



81.7413, 87.4577, 95.0109



83.0506, 87.4577, 99.2702



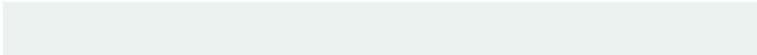
84.5261, 87.4577, 95.4426



83.2013, 87.4577, 91.2943

Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



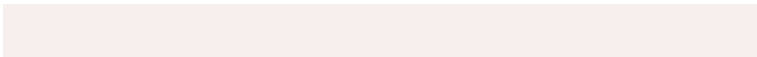
81.7413, 87.4577, 95.0109



82.1768, 87.4577, 98.1724



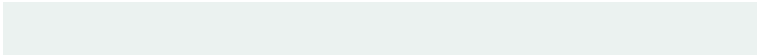
84.5261, 87.4577, 95.4426



84.0823, 87.4577, 92.3402

Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



81.7438, 87.4614, 95.0128



94.0008, 99.4727, 108.2389



81.7089, 87.5281, 91.1867



20.1311, 21.2968, 23.1746



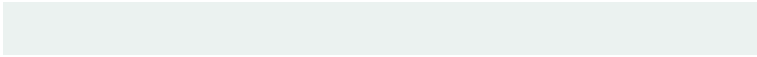
0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

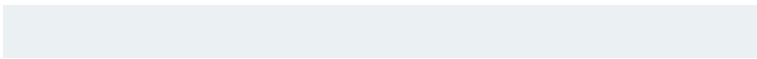
The Same Dimension uses a secret algorithm to generate beautiful new colors.



81.7438, 87.4614, 95.0128



91.9409, 98.4377, 106.9255



81.6278, 86.7505, 96.4511



17.0746, 18.3649, 19.9338



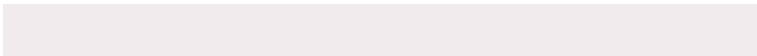
21.1590, 35.7556, 27.2840



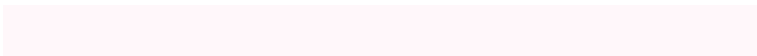
1.8029, 2.9916, 2.4943

Inverse Universe

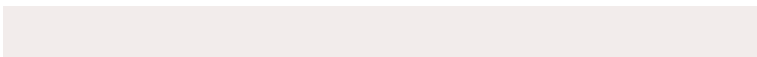
The Inverse Universe completely reimagines the original color for something new.



81.6156, 84.4107, 92.1164



91.7910, 94.8690, 103.5374



81.7270, 85.0995, 90.7170



17.0394, 17.5275, 19.1388



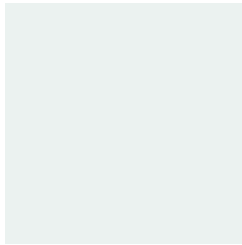
20.3033, 10.3938, 4.2478



1.7304, 0.8812, 0.5711

Previews

White Background



This preview shows how the XYZ color 81.7413, 87.4577, 95.0109 looks on a white background.

Color Contrast Check

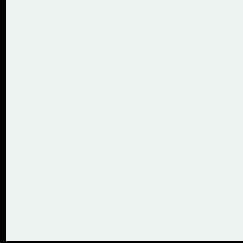
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the XYZ color 81.7413, 87.4577, 95.0109 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

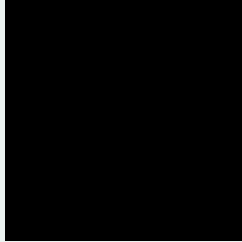
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

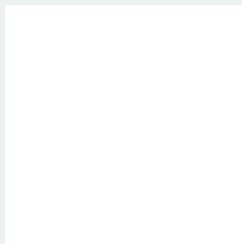
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 81.7413, 87.4577, 95.0109

Background



This preview shows how black text looks on a background with the XYZ color 81.7413, 87.4577, 95.0109.



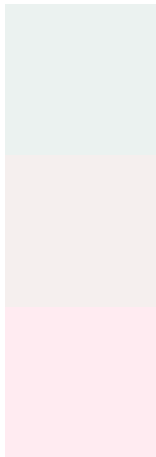
This preview shows how white text looks on a background with the XYZ color 81.7413, 87.4577,

95.0 09.

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy



Original Color

81.7413, 87.4577, 95.0109

Protanopia

83.9553, 87.3185, 93.3182

Deuteranopia

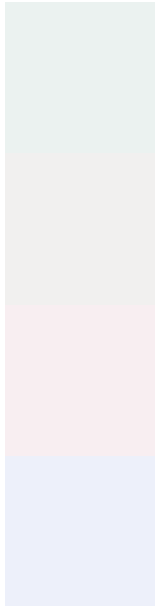
86.8255, 87.0275, 95.4409



Tritanopia

84.1764, 87.1301, 106.9890

Trichromacy



Original Color

81.7413, 87.4577, 95.0109

Protanomaly

83.0157, 87.2529, 94.1275

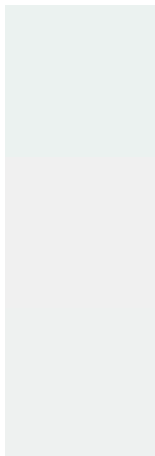
Deuteranomaly

85.1631, 87.4564, 95.6113

Tritanomaly

83.3405, 87.2268, 102.8864

Monochromacy



Original Color

81.7413, 87.4577, 95.0109

Achromatopsia

82.8234, 87.1367, 94.8919

Achromatomaly

82.4434, 87.3790, 94.9587

CSS Examples

Text

The CSS property to change the color of the text to XYZ 81.7413, 87.4577, 95.0109 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color rgb(235, 242, 240) looks like.

```
.text, #text, p{  
    color:rgb(235, 242, 240)  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel rgb(235, 242, 240) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(235, 242, 240) }
```

Border

The CSS property to change the border of an element to XYZ 81.7413, 87.4577, 95.0109 is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(235, 242, 240) }
```


If only the border color should be changed use the property `border-color`.

```
.border{ border-color:rgb(235, 242, 240) }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel `rgb(235, 242, 240)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(235, 242, 240); -webkit-box-  
shadow:4px 4px 4px 4px rgb(235, 242, 240);  
box-shadow:4px 4px 4px 4px rgb(235, 242,  
240) }
```

Background

The CSS property to change the background color of an element to XYZ 81.7413, 87.4577, 95.0109 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(235, 242, 240) }
```

If only the background color should be changed can be used:

```
.background{ background-color: rgb(235,  
242, 240) }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

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